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Derwent Record

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Derwent Title: Earth leakage detector

Original Title: ☒ KR1093015A: EARTH LEAKAGE DETECTOR

Assignee: ACCESS TECHNOLOGY KOREA CO LTD Non-standard company

Inventor: KIM Y;

Accession/Update: 2002-185941 / 200224

IPC Code: H02H 3/26 ;

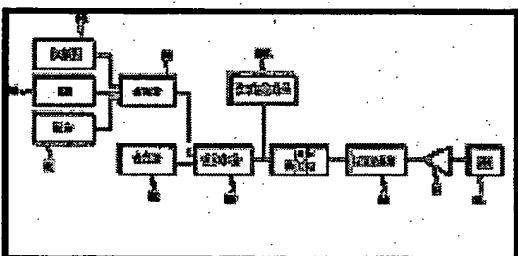
Derwent Classes: X13;

Manual Codes: X13-C01D(Difference between magnitudes or phase of voltages or currents)

Derwent Abstract:

(KR1093015A) **Novelty** - An earth leakage detector is provided to achieve an in-advance prevention against electric leakage, while recording and monitoring the data regarding power input, leakage and ambient temperature in a real-time basis.

Detailed Description - An earth leakage detector comprises a zero phase sequence current transformer(ZCT)(10) for generating current corresponding to the amount of leakage current; an analog/digital converter(30) for converting the current generated from the ZCT into a digital signal; a digital filter for eliminating the residual noise included in the converted digital signal; a main control unit(40) judging the occurrence or possibility of electric leakage by comparing the signal having no residual noise with a preset reference value; leakage control module(100) connected between the digital filter and the main control unit, and which measures and records the converted digital signal and ambient temperature; and an output unit for outputting the result judged by the main control unit. The output unit includes a buzzer(70) for generating alarm sound and a light emitting diode(LED) for displaying leakage state when the main control unit judges occurrence or possibility of electric leakage.



 Images:

Dwg. 1/10

Family:

Pdf Patent Pub. Date Derwent Update Pages Language IPC Code

☒ KR1093015A * 2001-10-27 200224 1 English H02H 3/26

Local apps.: KR2000000015815 Filed: 2000-03-28 (2000KR-0015815)

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Priority Number:

Application Number	Filed	Original Title
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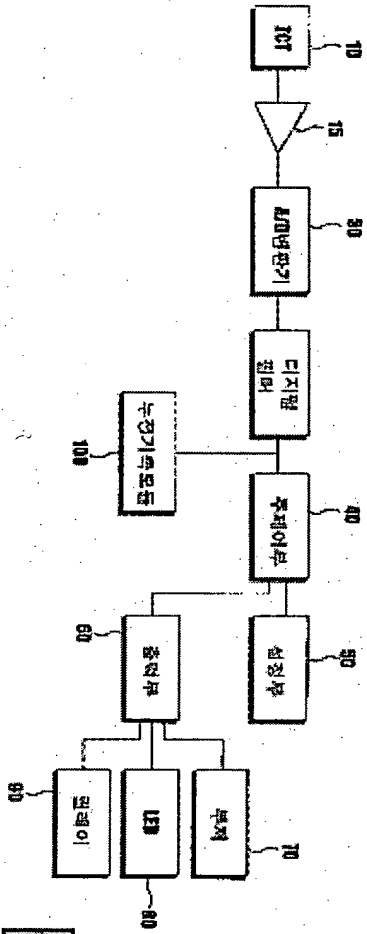
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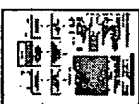


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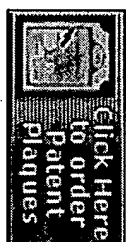
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Get Now: ☒ PDF | [More choices...](#)Tools: [Add to Work File](#) | [Create new Work File](#) | [Add](#)View: Jump to: ☒ Email this to a friend**Title: KR1093015A: EARTH LEAKAGE DETECTOR****Derwent Title:** Earth leakage detector [Derwent Record]**Country:** KR Republic of Korea**Kind:** A Examined Patent Application I**Inventor:** KIM, YUNG; Republic of Korea**Assignee:** AXCESS TECHNOLOGY KOREA CO., LTD. Republic of Korea
News, Profiles, Stocks and More about this companyHigh
Resolution**Published / Filed:** 2001-10-27 / 2000-03-28**Application Number:** KR2000000015815**IPC Code:** H02H 3/26;**ECLA Code:** None**Priority Number:** 2000-03- KR2000000015815**Family:**

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	KR1093015A	2001-10-27	2000-03-28	EARTH LEAKAGE

1 family members shown above

Other Abstract Info: None



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EARTH LEAKAGE DETECTOR

Patent number: KR2001093015
Publication date: 2001-10-27
Inventor: KIM YUNG [KR]
Applicant: AXCESS TECHNOLOGY KOREA CO LTD [KR]
Classification:
- international: H02H3/26
- european:
Application number: KR200000015815 20000328
Priority number(s): KR200000015815 20000328

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